

QUA • RAE

HERE IS NEWS OF ... RADIO ASSN OF ERIE

VOLUME III, No. 1

JANUARY, 1972

Letters From Readers	2
Tri-State Net News	2
HAM OF THE MONTH	3
Prez Sez	4
ECARS Report	4
Where The Action Is	6

SET SPECIAL ISSUE

Let There Be Juice	6
MINUTES	7
SET SPECIAL INSTRUCTIONS	10
CW Traffic Notes	12
Sample Message Forms	14
Director's Notebook	15
SSB	15
Strays	16
The Final Final	16

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Due to printing error page 9 is on the
back of page 3. Sorry for the inconvenience

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SIMULATED EMERGENCY TEST - SET - JAN 28. 29

LETTERS FROM OUR READERS

Dear Chuck: (WA3KAI)

... Let's See Your Letter Here

Pass along my congratulations to Mike; WA3HSR for the nice work he is doing on the R.A.E.,-News Letter. Credit goes to all of you together combined for a good job done, very interesting.

We are looking forward to taking in some meetings this winter and try to find time to be more active. I just put up a new Cush Kraft.

This week I have sent a number of 1971, R.A.E. News Letters to Frank Susel-W8FTP in Painesville. He is professor in Electronics, and has in mind to bring the gang to one of your meetings some time.

Keep up the good work. 73

A. T. Kaluza

Ed. Note.

Welcome Tony to the growing list of RAE members. We would like to see the "gang" show up at a meeting. Business meetings are the first Thursday of each month at the Red Cross Building on West Sixth Street. Use the Sassasafras entrance which is between 5th and 6th Street. Activities meetings are usually at the Naval Reserve Center on Old French Road just south of 38th Street, and held on the third Thursday of the month. Both meetings are at 8 pm.

TRI-STATE NEW NEWS

VHF Society Meeting to be Delayed

Everybody likes to look back on the old year and look ahead to the new around this time of year and we don't want to spoil the record so here's our bit.

We want to thank the following net members who served as net control stations during 1971: W3HLM, W3YWL, K3PBS, W3ALD, WA3ANA, WA3JIS, W3UCZ, WA3EZR, WA2BCA, K3QAY, and WA3HLN.

All these guys did a great job keeping the net in order and deserve a big hand for helping out. Also, we can't forget to mention all the other fellas who checked in regularly and helped keep the band alive.

Looking ahead, January brings our annual meeting, but we do have a little problem this year: This QTH is expecting a visit from the Stork right around the time the meeting usually is held and I'm afraid I'm going to have to give him first priority on dates! *IT'S A GIRL - JULIE, 5# 602!*

We'll have to wait until he makes his appearance to firm up a date for the meeting. We'll try to give as much advance notice as possible via the nets and the QUA-RAE as to the time and place.

One added note--the six meter net will be activated again this year for the SET coming up in January--check in on Sunday nights preceding the SET weekend for particulars.

Best to all in the new year. *(VHF MEETING SUNDAY FEB 6)*

Chuck Lewis, K3ATZ, Net Manager



photos and story by
Chas. Bliley, K3NAU

— Ham of the Month — **W3KPE** *Isabelle Bliley Kaiser*

This month's Ham of the Month is more than a ham—she is also my mother. Believe me when she says W3 "Kitchen Police Everyday." I am afraid the domestic responsibilities of her life have been more important than anything else. After all, raising five kids and being chairman of the board of Bliley Electric Company is no small task. Never-the-less, she has managed to keep active enough to maintain her license.

Isabelle first got interested in a ham (and I don't mean a piece of meat on a bone) before she became interested in ham radio. It was a classic story of falling in love with her boss (W3GV, Dawson Bliley, one of the founders of the RAE) and running off to marital bliss in a world of ham radio. Whether or not it was all that great I don't know, as I was only a thought when Dad told Ma that they needed another radio operator for the war emergency radio service and that she had just volunteered!

So after many hours of trying, studying she took the test and was W3KPE from that day on. Never has her life been the same. With this ace in the hole, I found her more than eager for me to get started in amateur radio. When I went off to college I even talked her into getting a SSB Transceiver so we could save money on long distance calls from Ft. Wayne, Indiana, to Erie. We never did get around to discussing how many calls we could get for the four hundred dollars we invested in order to save money.

It was fun haming with Mom and it paid off when I was on isolated duty in the Caribbean with the Coast Guard. I used to talk to home at least several times a week throughout the year. Needless to say it was a great moral booster for me.

(continued on page 4)



With the advent of two meter FM into our lives and sporting a remote control for the rig in the kitchen, Ma is once again back in the swing of things and holds the dubious honor of being the first XYL in Erie on two meter FM. With the mobile in my car and the remote in the kitchen, there should never be a cold dinner for me as I return from Edinboro College. I will just call home and tell Ma to "hold the beans."

Thanks Ma, for sweating through that FCC Exam over twenty years ago. It has paid off many times over for both of us. And thanks for being a great mother.

Charles A. Bliley K3NAU

PREZ SEZ

Co-operation is the Keyword
Well, another year has come and gone and with the passing of Christmas many new rigs and equipment are being tested. Some may have even been repaired by the time this message arrives. Strange how many of us can't wait to read the instructions before we throw the switch. In any case, I have heard new calls on both 2M-FM and 6M and welcome all newcomers to the RAE and the various nets.

It was also a pleasure to note an increase in attendance at the last business meeting. After the meeting a group of volunteers helped get the QUA-RAE ready for mailing and this put a smile on Bob Bair's face since he is still carrying the largest load on this project. We are in great need of a full-time editor and your talent would be greatly appreciated by all.

We also had the opportunity to appoint a couple of volunteers for Field Day. Chairman is Chuck Bliley, K3NAU, who will be assisted by chairman Rick Craig, WA3ISN. It is never too early to offer your help for Field Day and reserve your favorite band for your station.

Chuck Smith, W3ZLO has had the 2M-FM repeater up to 250 watts output and it really caused the neighboring repeater groups to take notice. We intend to get more aluminum up in the air and Chuck has promised to draw a block diagram on the "care-and-feeding" of our repeater to show what has and can be done.

The informal Christmas Party which took the place of our formal December activities meeting was enjoyable to all and we missed "eye-balling" with those who could not attend. We would like to wish you all a safe, prosperous and Happy New Year. 73

K3QAY, Brownie

ECARS NEWS

Have You Listened on 7255 Lately
The East Coast Amateur Radio Service is a service net which meets on 7255 KHz from about 7:30 AM until band conditions limit operations in the evening. Also meeting on their frequency is West CARS and up on 7258 KHz is MIDCARS which along with ECARS, serve to cover the nation. It is a service designed to aid mobiles by giving them a clear frequency to make contact schedules, report weather and road conditions and sometimes aid in reporting emergency traffic accidents. Many lives have been saved by mobiles on the scene giving information that is quickly relayed to the State Police who, might otherwise not get a report of the accident until it is too late. Fixed stations are also encouraged to check into the net and offer phone patch facilities into different areas of

(continued on page 5)

the country. All routine traffic is handled off frequency while emergencies and priorities are handled on the spot.

Anyone who has ever listened to ECARS has heard the procedure and is familiar with some of the net procedure and some of the frequently used prowords. If you want to check into the net, it is best to wait until NCS calls for check-ins. If you are fixed, don't check in when he calls for mobiles. When NCS calls for fixed stations, check in by giving your call sign once, then listen for the NCS to recognize you. If many stations are trying to get into the net, you may have to call in several different times before you are recognized. When you are recognized by NCS, there is certain pertinent information that should be passed. For Example:

"K2PJG from WA3HSR - Handle Mike, QTH Erie, PA. QRU QRV with 1 or 2 way." In this brief form, NCS has all the information he needs and you can satisfy FCC requirements at the same time. 1-way means you can call into an area via land-line and 2-way means phone patch facilities. If you are looking for a certain area, tell the NCS and he will allow you to make a direct call. Sometimes he will ask you if you want the area listed. Only list it if you plan on being on frequency for a while. If you do list traffic, be sure and check out with NCS if you leave the frequency. There is nothing worse than calling for an area, finally raising someone and finding out that the station looking for it has moved off frequency. A list and definition of the most commonly used prowords follows:

CHECK-IN - Although not recommended for use, it may be used if NCS does not properly stand by for check-ins.

CONTACT - To be used to contact a station that you KNOW FOR CERTAIN to be on frequency. Wait for NCS acknowledgement.

QUERY - To be used to ask a question of NCS. If you are not sure a station is on frequency, use this proword. Wait for NCS acknowledgement.

INFO - To be used when you have info pertaining to the situation at hand. Wait for NCS acknowledgement.

RELAY - To be used only when NCS asks for a relay and you can help out. Wait for NCS acknowledgement.

BREAK-BREAK-BREAK - To be used only when station has emergency traffic of life and death nature. Wait for NCS Acknowledgement.

BREAK-BREAK - To be used only when station has priority traffic. Wait for NCS acknowledgement.

BREAK - has no meaning on ECARS so don't use it!

Patience on ECARS is a virtue. Don't get over anxious when you are trying to check into the net as it only confuses things with NCS. If you ever take NCS duties remember that NCS controls the net and all calls should go through your station. If you are smooth and efficient, so will be ECARS. Be sure and ask separately for fixed and mobile checkins and don't hesitate to ask for relays if you need them. If you are troubled by QRM either intentional or otherwise, try and work through it. If necessary feel free to move the net a few KHz to avoid it. Above all, never ask a station to move off frequency because he is causing
(continued on page 6)

QRM. Chances are you bother him too and he will leave on his own accord. If necessary pass NCS around to different locations to get all checkins. Remember not to make comments to the intentional QRMer. This only serves to inflate his ego and he will continue to interfere. The best defense is to ignore him completely.

ECARS is designed to help all amateurs who wish to use it. Keep in mind that if you make contact on ECARS and move off, be sure and check if a frequency is in use before you pounce upon it calling for your station. This makes everybody happy and gives ECARS a better name. You can join ECARS and receive their publication, the MONITOR for only \$3.00 per year. Send your money to: Dave Flinn, W2CFP, 10 Graham Road West, Ithaca, New York 14850

-Mike, WA3HSR

WHERE THE ACTION IS RAE Has Activities For Everyone

By the time this is published, the annual Christmas party will be over. This gala event was just one of the announced activities scheduled for the 71/72 business year of the RAE. Next up, in January, the long awaited showing of the Apollo 15 space mission to the moon, along with the Russian space slides showing that countrys efforts to conquer space. A sample of the many beautiful slides were shown at the November meeting and I am sure that if you have any interest in space, radio, or science, you won't want to miss this one.....

Following the big space show, in February, the Mars program gets a workout. Three representatives from the Associated Mars Programs will speak about their services. Navy, Army and Air Force Mars will be present to entice us to join and give of our communications abilities a few hours a month.

Activities for the month of March are presently open due to a lack of brain power on my part. March and April have, by tradition, been the "biggies" for this program committee. I would like to know just what you would like to see or would like to hear from so that you might be more satisfied with this club activity.

For now, a very pleasant holiday greeting from the slums of Glenwood and the best of the new year to one and all.

Chuck, W3ZLO

LET THERE BE JUICE Switch on Safety

After being a ham for over ten years, I finally came up with a good idea. My father had installed a two-twenty line into the shack on the third floor of the house when it was built, and it was not until this last winter that I figured out how to use it best. That is to say, I had always thought it would be ideal for supplying a linear amplifier and all, but thru experience I have learned that unless I went to a full KW input, I wouldn't gain all that much over the output of my barefoot Swan 350 transceiver (with a compressor which could be switched in for a little extra punch).

So, when I was dreaming of remodeling the shack, (replacing the tattered tarpaper after all these years) I thought I ought to take advantage of the two-twenty service which was already installed. I placed two wetted fingers across the connections to see if there was any juice there, I was really shocked to
(continued on page 7)

find none. Searching around in a dusty corner of the basement with a flashlight, I discovered a small fuse box which looked like it must be just the one. No fuses, so installing two twenty amp fuses in each leg of the forty AMP service, I was set. I didn't try the wet finger test as I was chicken by this time.

Some of the fringe benefits I discovered were very comforting to a radio amateur. First and probably the most important, was the fact that should I accidentally create a rather large demand on the line, (like junk piling up so high on the workbench from all those uncompleted projects that a screwdriver dislodges and falls across a loose line plug, or maybe deadmaning the bottom of my transceiver with the power on and the fuse replaced with a wire in an economising move) I could now be assured that at least the lights wouldn't go out. No point in running up a doctor's bill for setting my jaw back in place after tripping on a dead 807 on the floor left over from the last all night work "party."

The other fringe benefits are better line voltage regulation, and by installing circuit breakers at the bench, no fusses to grope around for in the dark. I picked up a range plug for my receptical in the shack and mounted the circuit breaker box on the end of the rig table. One side of the line (20 amps) went to the rig table, and the other side went to the workbench (20 amps), both had grounded recepticals for further protection.

Now if I see my buddy Jim over on the workbench frying away because his body resistance is too high to blow the circuit breaker, all I have to do is pull "The Big Switch" at the end of the rig table only three feet away. No longer do I risk electrocuting myself attempting to remove him from the source.

Sure it is a bit of work, but I now feel a lot safer working in the shack than I ever did. Switch to safety, it may pay you more than the small investment it costs.

Charles A. Bliley, K3NAU

W3LOS Leo reports an overload of XMas messages by amateur radio. Those 8¢ XMas cards must have some effect.

RAE BUSINESS MEETING MINUTES December 2, 1971

The meeting was called to order at 8:13 PM by K3QAY.

Officers present: K3QAY, W3ZLO, WA3HSR and WA3EAY.

Directors present: WA3HDK, K3VLP, K3UPC, WA3MAU and W3SN.

The minutes for November 4 were approved as read.

The treasurer had no report because his books were still being audited.

CORRESPONDENCE: The only correspondence was a Barry's Green Sheet and several new 1972 membership renewals.

COMMITTEE REPORTS: The following committees had reports.

GD - W3KPM reported that permission had been received for RAE use of the EOC during the ARRL DX Contests. Tom also advised members that W3ZLO was now the 2nd radio officer of Erie County Civil Defense and that EOC keys would be forthcoming to Property Officer, WA3MAU.

(continued on page 8)

QUA-RAE - WA3HSR reported for WA3HDK that the December issue would be addressed tonight and mailed on the weekend. Mike reported that Bob had some printer trouble. The cost of this issue would be about \$12.00. K3NAU is to continue to look for another addressograph machine.

ACTIVITIES - W3ZLO reported that the Christmas Party would be held on Thursday, December 16 at 7:00 PM at the Castaways on Peach St. Chuck also reported that the Apollo XV slides that were ordered previously, will be shown on January 20, 1972 at the Naval Reserve Center. The February meeting is tentatively scheduled to deal with all branches of the Mars program.

REPEATER - W3ZLO reported that the full 250 watts would be coming soon. Chuck also expressed a need for some 2E26 tubes and that the Police Dept. had donated two 4-125As to them.

OLD BUSINESS

WA3HSR reported that the mailing of ECARS newsbulletins with the RAE mailing permit would be illegal and he has advised Dave Flinn, W2CFP of the situation. George, K3VIP did the digging at the Post Office for us.

W3SN questioned action taken regarding equipment of the late W3KLD. A check with the minutes showed that it was suggested the equipment be donated to McDowell ARC to Mrs. Sheldon.

NEW BUSINESS

WA3HSR discussed the RAE participation in the ARRL DX contests. Mike indicated that a crew for antenna raising and repairs would be formed some Sunday when weather permits. Several volunteer pole climbers and operators became known.

A discussion followed concerning the SET this coming January. It was indicated that the EC would have to take initial action for planned emergencies during the SET. Members present expressed their willingness to cooperate fully with the test.

It was announced by the secretary that Fred Tate, WA7SNT new address was: 1149 Edgewater Drive; Tucson, Arizona 85704.

K3VLP and WA3HDK, co-chairmen of the Auction reported that this year's auction would take place the first Saturday after Easter, April 8, at St. Georges Church

WA3HDK gave an audit report for the previous officers. Bob suggested separate accounting for repeater funds. A profit of \$62.24 was indicated. A full report will appear in an issue of the QUA-RAE.

K3QAY appointed K3NAU and WA3ISN as Field Day co-chairmen for 1972.

A round of introductions followed.

There were 12 members and 3 guests present.

A motion for adjournment was made at 9:20, seconded, voted on and carried.

New 1972 memberships at meeting: K3QHO, K3WTZ, W3HTD, K3QAY, W5KLV and W3ZLO.

Respectfully submitted,
(signed)
Michael D. Hall, WA3HSR
Secretary



This is what the repeater looks like now. The two racks of equipment on the left side is at W3ZLO's QTH. The rack on the right is at K3QWZ's. Plans for the near future call for the equipment to be moved to two commercial sites in one of the higher parts of the city.



HAPPY BIRTHDAY

W3ZLO - ERIE REPEATER

CELEBRATES ON JANUARY 23, 1971

This month the Erie repeater, W3ZLO, is one year old. What has started out as a collection of disassociated components tied together with flea clips is now a reasonably neat 250-watt (output) voice of authority, housed in two locations--three actually, if you consider the link with the Ashtabula machine, K8HRS.

To celebrate the occasion, open house is being held Sunday, January 23 at the home of Chuck Smith, W3ZLO. Charlie is one of the spark-plugs of the repeater group and has in his basement, the repeater transmitter, .19 receiver, 448 receiver link from K3WTZ, and the associated control circuitry.

There wasn't room in this issue for the complete story, so we will hold the details until next month. In the meantime, why don't you trot on down (maybe I should say up) to Charlie's and get the story first-hand. Everybody welcome.

SET SPECIAL INSTRUCTIONS. . . . And an Invitation to You

The weekend of January 29 and 30 is the annual Simulated Emergency Test (SET). The emergency drill is a scheduled test of the Amateur Radio Emergency Corps (AREC). It is hoped the local participation in the drill will consist of two parts:

(1) The local emergency portion of the drill is based on participation of mobile stations and stations with emergency power capabilities. This will involve placement of mobiles at sites in Erie County which will disclose during the course of the drill.

(2) The National Involvement is based on activation of local emergency nets to accept traffic of both a routine and test emergency nature. This routine traffic may be generated by any of the local amateurs.

The role of the local nets will be twofold. It will be the responsibility of the net to provide capability for accepting routine traffic for retransmittal to the (National Traffic System) NTS nets. It will also be the nets responsibility to assist in the relaying of test emergency traffic as originated and relayed by the mobile stations in the test disaster areas.

Bands and Modes

Operations on the 2-meter band will be restricted to both wide-band and narrow-band FM only. This is necessary due to the highly specialized nature of much of the equipment in use on this band coupled with the preponderance of stations equipped with gear of this type. Rigid adherence to this procedure is requested on 146.940 MHz to avoid disruptions arising from inability to copy stations not transmitting FM. As you are probably aware, receivers designed exclusively for FM reception are quite discriminating in their response to amplitude-modulated signals due to the action of a number of limiter stages designed to eliminate such responses to AM signals.

On the 6-meter (50.520 Mhz) and 10-meter (29.150 Mhz) bands all of the highly-popular modes are welcome including AM, SSB and CW. FM is discouraged due to lack of sufficient stations equipped to handle narrow-band FM on these frequencies.

Those stations capable of handling traffic via RTTY on these bands are asked to advise the NCS accordingly if such capability requires only a minimum of setup time. It is fondly hoped that RTTY-equipped stations will become more numerous in this area, particularly on the vhf bands. Those persons interested in such activity are asked to contact the Emergency Coordinator. If such an interest exists, perhaps we can create new growth in this area.

Each local net will be under the supervision of a Net Control Station (NCS) who will assume the responsibility for all of the nets activity. Stations checking in to the net will look to the NCS for directions. It should be clear at this point that the NCS is the "Boss" of the operation as far as activity on that particular frequency is concerned. In all cases, the NCS is acting under the direction of the Emergency Coordinator and his assistants.

(continued on page 11)

Mobile operation will be conducted under the direction of the NCS in conjunction with the "Mobile-in-charge" who will be designated by the NCS, based upon those mobiles who participate in the drill. The Mobile-in-charge will coordinate all mobile activity when this activity occurs on a frequency other than the Net Frequency. He is responsible for handling all questions of procedure that arise during the course of this type of mobile operation. When the Mobile-in-charge is checking-in to the net, he will operate in conjunction with the NCS to coordinate the mobile operation. In all cases of this kind, the final decision and authority shall be the responsibility of NCS.

The actual emergency drill plans will not be published prior to the SET weekend. To participate in the operation, there are several things that can and should be done prior to the SET weekend:

- (1) Check your base and/or mobile station equipment to be certain that it will be in tip-top condition for the drill.
- (2) Briefly review the standard message format and traffic handling procedures which are outlined in other parts of this issue.
- (3) Generate two or more pieces of routine traffic to friends or relatives across the country for use in the local portion of the drill.

Should an actual disaster strike our area it may render the telephone system useless. Amateur radio can provide necessary communications until the situation can be corrected. Obviously, if the telephones were out, YOU could not be informed of your role in an emergency situation. To find out if you can help, it is your responsibility as a conscientious amateur radio operator to turn on your receivers and transmitters and check-in to the local nets. When you get up on Saturday morning on January 29 you should warm up your equipment and monitor the net frequency of your choice. When the net is activated, check-in to the net and place yourself under the direction of the NCS. It would be appropriate to indicate whether or not you have mobile or emergency power capability. It is through this procedure that you will assist the operation of the emergency drill.

Those of you who have not had the opportunity to participate in SET weekend or in past emergency drills such as Rat Patrol are cordially invited to join in the SET weekend exercises. These drills are designed to familiarize people with the conditions of emergency operating and with traffic handling procedures. Should you find yourself in a position where you can offer communications facilities for disaster-related circumstances, it sure would come in handy to have some prior experience. The SET is not strictly for seasoned operators. Chances are that when an emergency situation occurs many of the seasoned veterans of the AREC will be unable to get to their equipment in time to do any good. The more newcomers to SET weekend, the more qualified the AREC team becomes. Plan on getting your feet wet in this year's SET exercises if you can. You will be most welcome.

If you believe that you have an idea concerning emergency communications activities that you would like to contribute, please feel free to contact me regarding the details. As Emergency Coordinator for Erie County I would be glad to discuss any thoughts that you might have on the subject. When it comes to Emergency Preparedness we can always do a better job. It is my fondest hope that this year's SET will be better than ever. Try to assist your fellow amateurs in achieving a successful emergency drill. I hope to hear all of you on the air during the SET weekend. 73

WA3GSH, Barry
EC Erie County

W3PIX Dick says you should watch out for UA prefix SWL cards which look like QSL cards because of Russian Regs. He'll have story next month.

CW TRAFFIC NOTES For All You "KEY" Men

The annual Simulated Emergency Test, to be held on January 29 and 30, is fast approaching. With this in mind, a few words on the standard form of message formulation appear to be in order, especially for those who are participating in the SET for the first time, or for those who originate messages infrequently.

A SET message in standard form contains the following elements in the order given: 1. message number, 2. precedence, 3. station of origin, 4. check, 5. city of origin, 6. time filed, 7. date, 8. address, 9. text, 10. signature.

EXPLANATIONS OF SOME OF THE ELEMENTS FOLLOW:

2. The precedence is one of the following: TEST EMERGENCY (life-and-death urgency, generally reserved for use by emergency officials); TEST P (health and welfare traffic coming from a disaster area); TEST Q (traffic into a disaster area, or individual participants' messages to SECs); and TEST R (routine messages; individual participants' messages going to other than the SEC). The word "TEST" is omitted from the precedence shown above when the traffic sent is not of a drill nature.

4. The check is the number of words in the test. If the text contains ARL standard texts, the check is "ARL", followed by the number of words. It is not necessary to send "CK".

6. Radio waves cross time zones. Use GMT, usually abbreviated "Z". Filing time can be omitted, unless it is significant.

7. Month and day are sufficient ("JAN 29," not "JAN 29, 1972").

8. The addressee, street address and city are separated by the symbol AA (two A's run together). Send "EAST 6 ST," not "E 6TH STREET." Do not send commas or periods.

9. Start the text with the words "TEST MESSAGE." Separate sentences with "X", not "STOP". Each "X" counts as a word in the check. If punctuation marks are required, spell them out. Spell out ARL standard text numbers ("ARL SEVEN", not "ARL 7"). If possible, limit text to 25 words. The symbol BT (B and T run together) precedes and follows the text.

Here is a sample of a SET message in standard form, as sent using CW:

NR 32 TEST Q W3LOS ARL 15 ERIE PA JAN 29 MR MRS THOMAS NORTON AA 1021 SOUTH BENTON RD AA ATLAS ILL 17302 BT TEST MESSAGE ARL TWELVE DENISE HAD BABY BOY JAN 26 X ALL WELL X LOVE BT DAD AR

AR (A and R run together) is always sent after the signature.

The western Pennsylvania CW Traffic Net (WPA) will be in operation through out the SET on 3585 khz and will gladly handle any traffic to and from the Erie area

Leo, W3LOS, Mgr. WPA

WA3GUL Rick now back in Bethlehem, Pa for XMas, is looking foreward to operating W3GV in the ARRL DX Contests.

WN3QVC Chris is demonstrating amateur radio to Sunday School classes.

ARRL NUMBERED RADIOGRAMS

The letters ARRL are inserted in the preamble before the *check*, and in the *text* before spelled out numbers representing texts from this list. Note that some ARRL texts include insertion of numerals. *Example:* NR 1 R WIAW CK ARRL 8 NEWINGTON CONN JUNE 1 DONALD R SMITH AA 164 EAST SIXTH AVE AA NORTH RIVER CITY MO AA PHONE 733 3968 BT ARRL TWENTY SIX ARRL NINETY NINE X 73 BT DIANA AR. For additional information consult *Operating an Amateur Radio Station*, published by ARRL.

George Hart, WINJM, *Communications Manager*.

I. For Possible "Relief Emergency" Use

ONE	All safe. Do not be concerned about disaster reports.
TWO	Coming home as soon as possible.
THREE	Am perfectly all right. Don't worry.
FOUR	Everyone safe here. Only slight property damage.
SIX	Everyone safe, writing soon.
*SEVEN	Reply by amateur radio.
ELEVEN	Conditions do not permit me to come home at this time. Am perfectly all right. Will be home as soon as possible.
*TWELVE	Are you safe? Anxious to hear from you.
*THIRTEEN	Is safe? Please advise.
*FIFTEEN	Advise if you need help.
*SIXTEEN	Please advise your condition.
*EIGHTEEN	Please contact me as soon as possible (at).
*NINETEEN	Request health and welfare report on (state name, address and, if known, telephone number).

II. Thanks or Social Messages

TWENTY	Thanks for the wonderful time.
TWENTY ONE	Your gift greatly appreciated. Many thanks.
TWENTY TWO	Many thanks for your good wishes. Happy to hear from you.
TWENTY THREE	Your amateur radiogram appreciated. Many thanks.
TWENTY FOUR	Your letter appreciated. Many thanks.
TWENTY FIVE	Your package received. Many thanks.
TWENTY SIX	Delighted to hear the good news.
TWENTY SEVEN	Congratulations on your promotion.
TWENTY EIGHT	Congratulations on your election.
THIRTY	Good luck in your new position.

III. Anniversaries

THIRTY ONE	Heartiest congratulations on your wedding anniversary.
THIRTY TWO	Love and best wishes on the anniversary.
THIRTY FOUR	Wish I could be with you.
THIRTY FIVE	Wish we could be with you.
THIRTY SIX	Wish you could be with us.
THIRTY EIGHT	Congratulations and best wishes on your retirement.

IV. Weddings and Birthdays

FORTY	Congratulations and best wishes for health, happiness and prosperity.
FORTY ONE	Heartiest congratulations and wishes for your happiness together.
FORTY SIX	Greetings on your birthday and best wishes for many more to come.
FORTY EIGHT	Congratulations on the new arrival. Hope mother and child are well.

V. Greetings and Seasonal Messages

FIFTY	Greetings by amateur radio.
FIFTY TWO	Love and best wishes. I am thinking of you most affectionately on this day.

FIFTY THREE	Best wishes for a Thanksgiving Day full of cheer and happiness.
FIFTY FOUR	Victory or defeat, our best wishes are with you. Hope you win.
FIFTY SIX	All the best for a Merry Christmas.
FIFTY EIGHT	Wishing you a very Merry Christmas and a Happy New Year.
FIFTY NINE	Merry Christmas from all of us. Wish you could be here.
SIXTY	All the best in the New Year.
SIXTY ONE	Love and best wishes for a Merry Christmas and a Happy New Year.
SIXTY TWO	The heartiest of seasons greetings.
SIXTY THREE	Most sincere wishes for health, happiness and prosperity.
SIXTY SEVEN	Most sincere wishes for health and happiness on this Easter Day.
SEVENTY	Best wishes for a very pleasant journey.
SEVENTY ONE	Have not heard from you in some time. Please write or answer by amateur radio, through the station delivering this message.
SEVENTY TWO	Wishing you and yours the best this holiday season.
SEVENTY FOUR	Hope you have a wonderful vacation. See you when you get back.
SEVENTY FIVE	Having a wonderful time. See you when I return.
SEVENTY SIX	This message is sent free of charge by amateur radio from an exhibit at the (name of fair, exposition, hobby show, etc.).
SEVENTY SEVEN	Having a wonderful time at (name of fair, exposition, exhibit, etc.). Wish you were here.

VI. Miscellany

SEVENTY EIGHT	This acknowledges receipt of your letter.
SEVENTY NINE	This acknowledges receipt of your message.
EIGHTY	This acknowledges receipt of your recent communication.
EIGHTY ONE	Please acknowledge receipt of this message by return radiogram.
EIGHTY SIX	Everything well here. Hope all well there. Will write later.
EIGHTY SEVEN	Send dollars as soon as possible.
EIGHTY NINE	Am sending dollars immediately.
NINETY	Arrived at (place) safely. Will write as soon as possible.
NINETY ONE	I am in the hospital and receiving excellent care. Will write soon. Don't worry. My new address is
NINETY TWO	Please arrange quarters for days.
NINETY THREE	Have been reassigned to Will write as soon as possible.
NINETY FOUR	Will travel on temporary duty orders to (place) on (date).
NINETY FIVE	Will arrive (place) on (date).
NINETY SIX	Send no further mail. Will send new address soon.
NINETY SEVEN	Leave granted. Should arrive on (date).
NINETY EIGHT	Leave denied. Will write later.
NINETY NINE	Please arrange transportation to meet me.

*Not to be solicited in emergency. Messages out of disaster areas must receive precedence.

RADIO ASSOCIATION OF ERIE MESSAGE FORM/W3GV

NR	PRECEDENT	HX	ORIGINATOR	CHECK	CITY, STATE	TIME FILED	DATE
TO			ADDRESS		CITY, STATE, ZIP		
<u>BT</u>							
1		2		3		4	5
6		7		8		9	10
11		12		13		14	15
16		17		18		19	20
21		22		23		24	25
<u>BT</u>	SIGNATURE			REC'D FROM - TIME		SENT TO - TIME	

RADIO ASSOCIATION OF ERIE MESSAGE FORM/W3GV

NR	PRECEDENT	HX	ORIGINATOR	CHECK	CITY, STATE	TIME FILED	DATE
TO			ADDRESS		CITY, STATE, ZIP		
<u>BT</u>							
1		2		3		4	5
6		7		8		9	10
11		12		13		14	15
16		17		18		19	20
21		22		23		24	25
<u>BT</u>	SIGNATURE			REC'D FROM - TIME		SENT TO - TIME	

• JANUARY 1972 •

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2 NETS 6 & 10 Meters	3	4	5	6 R.A.E. BUSINESS MEETING 8 PM	7	8 ARRL VHF SWEEP- STAKES
9 NETS 6 & 10 Meters VHF S.S.	10	11	12	13	14	15 ARRL CD PARTY "CW"
16 NETS 6 & 10 Meters ARRL CD PARTY "CW"	17	18	19	20 R.A.E. ACTIVITIES "SPACE SHOTS" NAVAL RES. 8 AM	21	22 ARKANSAS QSO PARTY
23 NETS 6 & 10 Meters ARKANSAS QSO PARTY	24 ARKANSAS QSO PARTY	25	26	27	28	29 ARRL "S.E.T." SEE ARTICLE
30 NETS 6 & 10 Meters S.E.T.	31	FEBRUARY 3 - RAE BUSINESS MEETING - RED CROSS 8:00 PM 10 - WIAW QUALIFYING RUN 13 - FMT				

DIRECTORS NOTEBOOK

We hope this finds all of you well satisfied with the goodies you found in your stockings Christmas morning and have made the usual resolutions to do all the hamming you can during the coming year.

We are pleased to announce that our Annual Auction will again be held on the first Saturday after Easter (April 8, 1972). Now is a good time to plan to transfer those white elephants in your closet to someone elses closet where they can be put to good use. The place will be St. George Auditorium (same as last year) 5145 Peach Street. Refreshments will be available at a very modest cost to all. Publicity information has gone out to the following amateur magazines; CQ, 73's, Ham Radio and QST.

J. A. Squire, K3UPC

SSB

Sale, Swap, Buy

For sale Hammarlund receiver HQ 110 and Apache transmitter TX-1. Both for \$250. Good buy for a new Ham. Phone 776-1011 John Metelski, 411 Florence St., Ridgway, PA 15853.

For sale a 6-M Wide spaced 6-Element beam. \$15 or best offer. WA3PJL, Larry Jones. 866-2579.

ZURN HAMS - Notify W3WDK of your call at the division where employed. Rob Weaver be reached at the General Air Division.

WA3KMF Denny is looking for 2-way into Erie. Meet him on ECARS most any day.

K3NAU Charlie got up enough courage to try for his advanced. He's now anxiously waiting for the mailman to deliver the new ticket.

RAE announces with regret the passing of Milt Shreeve, W3PIY.

THE FINAL FINAL . . . You Are Going to Miss Out if You Don't Renew Now! Well, it's time to close the curtain on this January issue of QUA-RAE. We don't like it but I guess it's up to me to apologize for the lateness this month. Seems like there 'tis many-a-slip... We had a choice between a smaller issue than was planned or a late one. Chose the later.

Hope you enjoyed this months QUA-RAE. Won't you take the time it requires to digest the special SET material and join in this important emergency drill. Why not generate a couple messages to friends or relatives. Try the ARRL numbered message texts. If you are not sure of traffic handling procedures, send a message on one of the 10-, 6-, or 2-meter local to one of your friends who is in the net. There's nothing that can substitute for the experience gained this way. In a real emergency you could be called upon to handle hundreds--even thousands--of messages. Do your practicing now while you can have lots of time and can keep a cool head. Make a few mistakes. Nobody is going to crucify you for making an error while you are practicing, but woe be to you if you mess up a REAL emergency. If you want more info or help call Gerry WA3GSH, Mike WA3HRS, Chuck W3ZLO, or me. Phone numbers are on front page. See you on the air for SET!

Next month we honor Leo W3LCS for the fine job he has done in putting Erie on the traffic-handling map. Included next month will be a thumbnail sketch of Erie Emergency Net goings-on. Any volunteers? We're considering a 50¢ charge for non-commercial sale, swap, and buy ads. Seems only fair to us and we would like your opinion. Cops of commercial rates are really low. Write if you are interested.

We have adjusted our mailing list. Thanks to George K3VLP, we now have 150 additional names for our list and he promises several hundred more. We are going to divide the lists into several groups so that all hams in the area get one to three copies of QUA-RAE throughout the year. If you haven't done so yet, how about renewing your subscription.

RAE has more to offer than most radio clubs can. Our dues are just \$1.50. For this you receive monthly issues of QUA-RAE, big name program meetings (as well as some not-so-big) and all kinds of activities. Members have liability protection, and we have enough capital to allow us some freedom from fund raising campaigns. We try to have something for everyone. Why not be a member for 72? And how about letting us know what pet activity you crave. You can't expect people to carry your load. Won't you help make our club more interesting by donating your talents to further everyone's enjoyment of HAM RADIO... try it... you'll like it! 73.

Robert E. Bair, WA3HDK
Temporary Editor